


|  |                 |                |  |
|--|-----------------|----------------|--|
| <b>Issue Classification</b><br> | Application No. | Applicant(s)   |  |
|  | 10/036,770      | RUTHVEN ET AL. |  |
|  | Examiner        | Art Unit       |  |
|  | Eric Hug        | 1731           |  |

| ISSUE CLASSIFICATION         |   |          |   |       |                    |                                   |     |     |  |  |  |  |
|------------------------------|---|----------|---|-------|--------------------|-----------------------------------|-----|-----|--|--|--|--|
| ORIGINAL                     |   |          |   |       | CROSS REFERENCE(S) |                                   |     |     |  |  |  |  |
| CLASS                        |   | SUBCLASS |   |       | CLASS              | SUBCLASS (ONE SUBCLASS PER BLOCK) |     |     |  |  |  |  |
| 162                          |   | 114      |   |       | 162                | 109                               | 111 | 117 |  |  |  |  |
| INTERNATIONAL CLASSIFICATION |   |          |   |       |                    |                                   |     |     |  |  |  |  |
| D                            | 2 | 1        | F | 11/00 |                    |                                   |     |     |  |  |  |  |
|                              |   |          |   | /     |                    |                                   |     |     |  |  |  |  |
|                              |   |          |   | /     |                    |                                   |     |     |  |  |  |  |
|                              |   |          |   | /     |                    |                                   |     |     |  |  |  |  |
|                              |   |          |   | /     |                    |                                   |     |     |  |  |  |  |

|   |  |   |  |                             |  |
|---|--|---|--|-----------------------------|--|
| <i>Eric Hug</i> 12/23/03<br>(Assistant Examiner) (Date)           |  | <i>Peter Chin</i><br>PETER CHIN<br>PRIMARY EXAMINER<br>(Primary Examiner) |  | Total Claims Allowed: 36    |  |
| <i>Jayana Lum</i> 01/29/03<br>(Legal Instruments Examiner) (Date) |  | 12/03<br>(Date)   |  | O.G.<br>Print Claim(s)<br>1 |  |
|   |  |   |  | O.G.<br>Print Fig.<br>1A    |  |

| <input type="checkbox"/> Claims renumbered in the same order as presented by applicant |          |       |          | <input type="checkbox"/> CPA |          |       |          | <input type="checkbox"/> T.D. |          |       |          | <input type="checkbox"/> R.1.47 |          |  |  |
|--|----------|-------|----------|------------------------------|----------|-------|----------|-------------------------------|----------|-------|----------|---------------------------------|----------|--|--|
| Final  | Original | Final | Original | Final                        | Original | Final | Original | Final                         | Original | Final | Original | Final                           | Original |  |  |
| 1  |          | 31    |          | 61                           |          | 23    | 91       | 121                           |          | 151   |          | 181                             |          |  |  |
| 2  |          | 32    |          | 62                           |          | 24    | 92       | 122                           |          | 152   |          | 182                             |          |  |  |
| 3  |          | 33    |          | 63                           |          | 25    | 93       | 123                           |          | 153   |          | 183                             |          |  |  |
| 4  |          | 34    |          | 64                           |          | 26    | 94       | 124                           |          | 154   |          | 184                             |          |  |  |
| 5  |          | 35    |          | 65                           |          | 27    | 95       | 125                           |          | 155   |          | 185                             |          |  |  |
| 6  |          | 36    |          | 66                           |          | 28    | 96       | 126                           |          | 156   |          | 186                             |          |  |  |
| 7  |          | 37    |          | 67                           |          | 29    | 97       | 127                           |          | 157   |          | 187                             |          |  |  |
| 8  |          | 38    |          | 68                           |          | 30    | 98       | 128                           |          | 158   |          | 188                             |          |  |  |
| 9  |          | 39    |          | 1                            | 69       | 31    | 99       | 129                           |          | 159   |          | 189                             |          |  |  |
| 10   |          | 40    |          | 2                            | 70       | 32    | 100      | 130                           |          | 160   |          | 190                             |          |  |  |
| 11   |          | 41    |          | 3                            | 71       | 33    | 101      | 131                           |          | 161   |          | 191                             |          |  |  |
| 12   |          | 42    |          | 4                            | 72       | 34    | 102      | 132                           |          | 162   |          | 192                             |          |  |  |
| 13   |          | 43    |          | 5                            | 73       | 35    | 103      | 133                           |          | 163   |          | 193                             |          |  |  |
| 14   |          | 44    |          | 6                            | 74       |       | 104      | 134                           |          | 164   |          | 194                             |          |  |  |
| 15   |          | 45    |          | 7                            | 75       |       | 105      | 135                           |          | 165   |          | 195                             |          |  |  |
| 16   |          | 46    |          | 8                            | 76       |       | 106      | 136                           |          | 166   |          | 196                             |          |  |  |
| 17   |          | 47    |          | 9                            | 77       |       | 107      | 137                           |          | 167   |          | 197                             |          |  |  |
| 18   |          | 48    |          | 10                           | 78       |       | 108      | 138                           |          | 168   |          | 198                             |          |  |  |
| 19   |          | 49    |          | 11                           | 79       |       | 109      | 139                           |          | 169   |          | 199                             |          |  |  |
| 20   |          | 50    |          | 12                           | 80       |       | 110      | 140                           |          | 170   |          | 200                             |          |  |  |
| 21   |          | 51    |          | 13                           | 81       |       | 111      | 141                           |          | 171   |          | 201                             |          |  |  |
| 22   |          | 52    |          | 14                           | 82       | 36    | 112      | 142                           |          | 172   |          | 202                             |          |  |  |
| 23   |          | 53    |          | 15                           | 83       |       | 113      | 143                           |          | 173   |          | 203                             |          |  |  |
| 24   |          | 54    |          | 16                           | 84       |       | 114      | 144                           |          | 174   |          | 204                             |          |  |  |
| 25   |          | 55    |          | 17                           | 85       |       | 115      | 145                           |          | 175   |          | 205                             |          |  |  |
| 26   |          | 56    |          | 18                           | 86       |       | 116      | 146                           |          | 176   |          | 206                             |          |  |  |
| 27   |          | 57    |          | 19                           | 87       |       | 117      | 147                           |          | 177   |          | 207                             |          |  |  |
| 28   |          | 58    |          | 20                           | 88       |       | 118      | 148                           |          | 178   |          | 208                             |          |  |  |
| 29   |          | 59    |          | 21                           | 89       |       | 119      | 149                           |          | 179   |          | 209                             |          |  |  |
| 30   |          | 60    |          | 22                           | 90       |       | 120      | 150                           |          | 180   |          | 210                             |          |  |  |